

## METHOD FOR MANUFACTURING HEAT-RESISTANT FLEXIBLE LAMINATED SHEET

Publication number: JP2002361744

Publication date: 2002-12-18

Inventor: HASE NAOKI; KATAOKA KOSUKE; FUSHIKI YASUO

Applicant: KANEKA FUCHI CHEMICAL IND

Classification:

- international: B29C65/02; H05K3/00; B29L7/00; B29L9/00;  
B29C65/02; H05K3/00; (IPC1-7): B29C65/02;  
H05K3/00; B29L7/00; B29L9/00

- European:

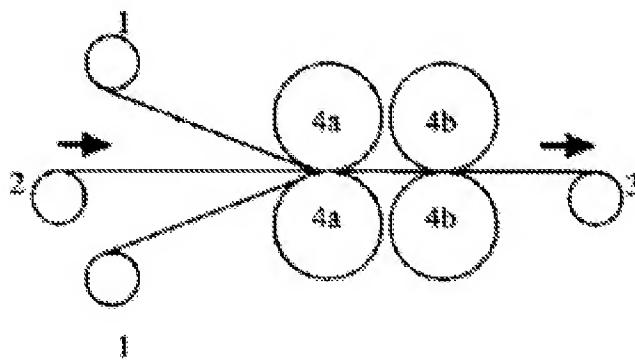
Application number: JP20010173943 20010608

Priority number(s): JP20010173943 20010608

[Report a data error here](#)

### Abstract of JP2002361744

**PROBLEM TO BE SOLVED:** To provide a method for preventing shrink marks from being generated when a heat-resistant adhesive film and a metal material are laminated over each other to obtain a flexible laminated sheet, and enhancing the productivity. **SOLUTION:** This method for manufacturing a heat-resistant flexible laminated sheet comprises the steps to laminate a metallic foil 1 and the heat-resistant adhesive film 2 over each other, using a heat roll laminating device with at least two or more pairs of metal rolls. The heating temperatures of the metal rolls are different from each other. That is, the heat-resistant adhesive film and the metal material are laminated (regularly laminated) by a first-stage metal roll through thermal pressurizing. Next, immediately after the regular lamination at the first stage, the laminate is annealed by a second-stage metal roll and the subsequent metal rolls at lower temperature than the regular laminating temperature. Finally the laminate is gradually cooled while being pressurized so as to reach a temperature near a glass transition temperature for the heat-resistant adhesive film.



Data supplied from the esp@cenet database - Worldwide

